

Attorney's Docket No. DY013.1A2CP1

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled NUCLEOTIDE SEQUENCES AND PROTEIN SEQUENCES; the specification of which was filed on January 21, 2002 as Application Serial No. 10/054,399.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application listed below.

Application No.: 60/169,699

Filing Date: December 7, 1999

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATIONS**

**Priority  
Claimed**

|                  |                        |                             |     |
|------------------|------------------------|-----------------------------|-----|
| No.: GB9721358.1 | Country: Great Britain | Date Filed: October 8, 1997 | Yes |
| No.: GB9721357.3 | Country: Great Britain | Date Filed: October 8, 1997 | Yes |
| No.: GB9812793.9 | Country: Great Britain | Date Filed: June 12, 1998   | Yes |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U.S.A. Applications**

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Application No.: 08/951,141 | Filing Date: October 15, 1997 | Status: Pending   |
| Application No.: 09/732,180 | Filing Date: December 7, 2000 | Status: Abandoned |

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Attorney's Docket No. DY0U13.1A2CP1

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Peter Michael Alijoscha Nern

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 675 Charles E Young Drive South, Los Angeles, CA 90095-1662

Citizenship: German

Post Office Address: Same As Above

Full name of second inventor: Robert A. Arkowitz

Inventor's signature Robert A. Arkowitz

Date 26/06/02

Residence: Universite de Nice, Faculte des Sciences-Parc Valrose, 06108 Nice Cedex 2, France

Citizenship: United States

Post Office Address: Same As Above

Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

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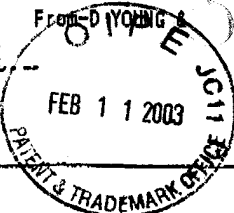
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Attorney's Docket No. DYOU13.1A2CP1

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Peter Michael Aljoscha Norn

Inventor's signature

Date: 17 July 2002

E-748 MRL, A.N.

Residence: 675 Charles E Young Drive South, Los Angeles, CA 90095-1662

Citizenship: German

Post Office Address: Same As Above

Full name of second inventor: Robert A. Arkowitz

Inventor's signature

Date

Residence: Universite de Nice, Faculte des Sciences-Parc Valrose, 06108 Nice Cedex 2, France

Citizenship: United States

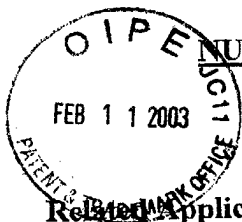
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Customer No. 20,995

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## NUCLEOTIDE SEQUENCES AND PROTEIN SEQUENCES

### **Related Applications**

5 This application is a continuation-in-part of U.S. Application No. 09/168,474 filed October 8, 1998, which claims the benefit of priority under 35 U.S.C. §119(e) of U.S. Application No. 08/951,141, which was filed as a nonprovisional application on October 15, 1997 and converted to a provisional application by petition mailed by Applicants on October 8, 1998, and also claims the benefit of priority under 35 U.S.C. §119(a) to applications GB9721358.1 filed October 8, 1997, GB9721357.3 filed 10 October 8, 1997, and GB9812793.9 filed June 12, 1998. This application is also a continuation-in-part of U.S. Application No. 09/732,180 filed December 7, 2000, which claims the benefit of priority to U.S. Provisional Application No. 60/169,699 filed December 7, 1999. The complete disclosures of the above-referenced related 15 applications are herein incorporated by reference.

### **Field of the Invention**

The present invention relates to nucleotide sequences and protein sequences. In particular, the present invention relates to nucleotide sequences and protein sequences 20 that affect interactions of cellular components.

### **Background to the Invention**

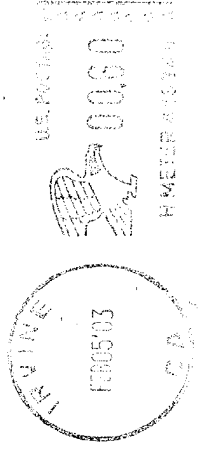
According to Cerione and Zheng (The Dbl family of oncogenes *Current Opinion In Cell Biology* 8, 216-222 (1996)), genetic screening and biochemical studies during the past 25 years have led to the discovery of a certain family of cell growth regulatory proteins and oncogene products for which the Dbl oncoprotein is the prototype. Another review on Dbl is presented by Machesky and Hall (1996 Trends In Cell Biology 6 pp 3-4-310).

Cerione and Zheng (*ibid*) say that proto-Dbl is a 115 kDa cytoskeleton-associated 30 protein that is found in tissues such as brain, ovary, testis and adrenal glands. Oncogenic activation of proto-Dbl occurs as a result of an amino-terminal truncation of proto-Dbl which leaves residues 498-925 fused with the product of an as yet unidentified gene which is localised on chromosome 3.

**Knotbe Martens Olson & Bear LLP**

*Intellectual Property Law*  
2040 Main Street Fourteenth Floor  
Irvine CA 92614

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United States Patent and Trademark Office  
P.O. Box 2327  
Office of Initial Patent Examination  
Customer Service Center  
Arlington, VA 22202

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